

HEALTH & SAFETY DATA SHEET

(In accordance with Regulation (CE) n° 1907/2006 changed)

Product Name : KARMA ITALIANA - CLEANER FLUID (V2015)

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Section 1 - Identification of the substance / mixture and of the company

1.1. Identification of the preparation

Product form: Mixture
Product Name: KARMA ITALIANA - CLEANER FLUID - REFERENCE : LIQ C2-5

1.2. Relevant identified uses of the substance or mixture and uses

1.2.1. Relevant identified uses

Spec. Industrial / professional use: For professional use
Use of the substance / mixture: Fluid maintenance to clean smoke generators

1.2.2. unsuitable uses No additional information available

1.3. Identification of the company

KARMA ITALIANA Srl
VIA GOZZANO 38/BIS
21052 - BUSTO ARSIZIO VA - ITALIA

Phone: +39 0331 628244 - Email : info@karmaitaliana.it

1.4. Emergency Telephone Number

Country	Organisation / Company	Emergency number
France	ORFILA	+33 1 45 42 59 59

Section 2 - Hazards Identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] : not rated
Classification according to Directive 67/548 / EEC [DSD] or 1999/45 / EC [DPD] : not rated

Adverse physicochemical, human health and the environment : No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] : Not applicable Labelling

2.3. other hazards

No additional information available

Section 3 - Composition / information on ingredients

Name	Product identifier	%	Classification according to Directive 67/548 / EEC
Acetic Acid	CAS n° : 64-19-7 EC n° : 200-580-7 Index n° 607-002-00-6 REACH n° 01-2119475328-30	0,6	R10 C; R35

Name	Product identifier	%	Specific concentration limits
Acetic Acid	CAS n° : 64-19-7 EC n° : 200-580-7 Index n° 607-002-00-6 REACH n° 01-2119475328-30	0,6	(10 =< C < 25) Xi;R36/38 (25 =< C < 90) C;R34 (C >= 90) C;R35

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Name	Product identifier	%	Classification according Regulation (EC).N°1272/2008 (CLP)
Acetic Acid	CAS n° : 64-19-7 EC n° : 200-580-7 Index n° 607-002-00-6 REACH n° 01-2119475328-30	0,6	Flam. Liq. 3, H226 Skin Corr. 1A, H314

Name	Product identifier	%	Specific concentration limits
Acetic Acid	CAS n° : 64-19-7 EC n° : 200-580-7 Index n° 607-002-00-6 REACH n° 01-2119475328-30	0,6	(10 =< C < 25) Skin Irrit. 2, H315 (10 =< C < 25) Eye Irrit. 2, H319 (25 =< C < 90) Skin Corr. 1B, H314 (C >= 90) Skin Corr. 1A, H314

Section 4 - First Aid

4.1. First aid

General First Aid:	Never give anything by mouth to an unconscious person. In case of malaise consult a doctor (if possible show the label).
First aid for inhalation:	Fresh air. Allow the victim to rest.
First aid for skin contact:	Remove affected clothing and wash all exposed skin using mild soap and water, then rinse with warm water.
First aid after eye contact:	Rinse immediately with plenty of water. Consult a physician if pain or redness persist.
First aid after swallowing:	Rinse mouth. DO NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms / injuries:	No significant hazard under normal conditions of use.
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4.3. Indication of immediate medical attention and special treatment needed

Symptomatic treatment.

Section 5 - Measures against fire

5.1. Extinguishing Media

Suitable extinguishing media:	Foam. Dry powder. Carbon dioxide. Water spray. Sable.
Unsuitable extinguishing media:	Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture.

No additional information available

5.3. Advice for firefighters

Instructions fight against fire:	Cool exposed containers by water spray or fog. Be careful when fighting any chemical fire. Avoid wastewater fight against Fire contaminate the environment.
Protection in the event of fire:	Do not enter fire area without proper protective equipment, including protection breathing.

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Section 6 - Measures in case of spillage

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-rescuers people

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For rescuers people

Protective equipment: Provide adequate protection to cleaning teams.
Emergency procedures: Ventilate the area.

6.2. Precautions for environmental protection

Prevent entry to sewers and public waters.
Notify authorities if liquid enters sewers or public waters.

6.3. Methods and materials for containment and cleaning

Methods for cleaning: Absorb spilled as quickly as possible by means of inert solids such as clay or diatomaceous earth. Collect spillage.
Store away from other materials.

6.4. Reference to other sections

See Section 8. Exposure controls / personal protection.

Section 7 - Handling and storage

7.1. Precautions for safe handling :

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking, smoking and when leaving work.

Ensure good ventilation of the work area to avoid vapor formation.

7.2. Conditions for safe storage, including any incompatibilities

Storage: Keep only in the original container in a cool, well ventilated place away place. Keep containers closed when not in use.

Incompatible products: Strong bases. Strong acids.
Incompatible materials: Ignition sources. Direct sunlight.

7.3. Use (s) Final (s) specific (s)

No additional information available

Section 8 - Exposure Control / Personal Protection

8.1. Control parameters

Acetic Acid (64-19-7)		
France	Nom Local	Acetic Acid
France	VLE(mg/m3)	25mg/m3
France	VLE (ppm)	10 ppm

8.2. Exposure controls

Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves
Eye Protection: Splash goggles or safety glasses
Respiratory protection: Wear a suitable mask
Other information: Do not eat, do not drink and do not smoke during use.

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Section 9 - Physical and chemical properties

9.1. Basic physical and chemical properties Information

Physical State:	Liquid
Color:	Colorless.
Odour:	characteristic.
Odour threshold:	No data available
pH:	No data available
Relative evaporation rate (butylacetate = 1):	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling Point:	No data available
Flash point:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Non flammable
Vapour pressure:	No data available
Relative vapor density at 20 ° C:	No data available
Relative density:	No data available
Solubility:	No data available
Log Pow:	No data available
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidizing properties:	No data available
Explosive limits:	No data available

9.2. other information

No additional information available

Section 10 - Stability and reactivity

10.1. reactivity

No additional information available

10.2. chemical Stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

smoke. Carbon monoxide. Carbon dioxide.

Section 11 - Toxicological information

Acute toxicity:	Not ranked
Acetic Acid	
Oral LD50	3310 mg / kg body weight
Dermal LD50	1060 mg / kg body weight
Serious eye damage / irritation:	Not classified
Respiratory or skin sensitization:	Not classified
Germ cell mutagenicity:	Not ranked
Carcinogenicity:	Not ranked
Reproductive toxicity:	Uncategorized
Specific target organ toxicity (single exposure):	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration hazard:	Not ranked

Potential adverse effects on human health and possible symptoms:

Based on available data, the classification criteria are not met.

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Section 12 - Ecological information

12.1. toxicity

Acetic Acid

1 fish LC50

> 1000 mg / l

EC50 other aquatic organisms 2

> 1000 mg / l alga IC50 (72 h) mg / l

12.2. Persistence and degradability

EUROSMOKE cleaner

Persistence and degradability

Not established.

12.3. Bioaccumulation potential

EUROSMOKE cleaner

Bioaccumulative potential

Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB

No additional information available

12.6. Other adverse effects

Additional information:

Avoid release to the environment

Section 13 - Disposal Considerations

13.1. Waste treatment methods

Recommendations for waste disposal:

Dispose of according to local safety regulations / national regulations.

Ecology - waste materials:

Avoid release to the environment.

Section 14 - Information about Transport

Pursuant to the requirements of ADR / RID / IMDG / IATA / DNA

14.1. UN number

Not regulated for transport

14.2. UN shipping name

Shipping name (ADR):

Not applicable

Shipping name (IMDG):

Not applicable

Shipping name (IATA):

Not applicable

Shipping Name (ADN):

Not applicable

Shipping Name (RID):

Not applicable

14.3. Class (es) hazard ADR transportation

Class (es) of danger for transport (ADR):

Not applicable

Class (es) of danger for transport (IMDG):

Not applicable

Class (es) of danger for transport (IATA):

Not applicable

Class (es) of danger for transport (ADN):

Not applicable

Class (es) of Transport hazard (RID):

Not applicable

14.4. Packing group

Packing Group (ADR):

Not applicable

Packing Group (IMDG):

Not applicable

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Packing Group (IATA):	Not applicable
Packing Group (ADN):	Not applicable
Packing group (RID):	Not applicable

14.5. Environmental hazards

Dangerous for the environment:	No
Marine pollutant:	No
Other information:	No supplementary information available

14.6. Special precautions for user

14.6.1. Land transport

14.6.2. maritime transport

14.6.3. air transport

14.6.4. Waterway transportation

Not subject to ADN:	No
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14.6.5. rail transport

Prohibited transport (RID):	No
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14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
non applicable

Section 15 - Regulatory Information

15.1. Regulations / legislation specific for the substance or mixture Safety, health and environment

15.1.1. EU regulations

Does not contain substances subject to restrictions of Annex XVII
Does not contain substances of the REACH candidate list
Does not contain substances listed in Annex XIV of REACH

15.1.2. national regulations

No additional information available

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

Section 16 - Other Information

Data sources:	REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No 1907/2006.
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Other information:	None (e).
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Text : R , H and EUH

Flam. Liq. 3	Flammable liquids, Category 3
Skin Corr. 1A	Corrosive / irritating to the skin, category 1A
H226	Flammable liquid and vapor
H314	Causes severe skin burns and eye damage
R10	Flammable
R35	Causes severe burns
C	Corrosive